



NC/QC/W-13/2019-20/BA-PCC2

Date: 29-07-2019

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.

{Project*: Providing CC Camera at Mallasandra, BHEL mini colony, vijalakshmi layout, Ravindra Nagara and other Area block spots in Mallasandra ward no 13 in Shettyhalli Sub Division.}

Ref.: Material testing/W-13/QC/19-20,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
		Single size	Graded
40mm	100.00	100.00	100.00
20mm	96.70	85-100	95 - 100
10mm	24.05	0 - 20	25 - 55
4.75mm	6.25	0 - 5	0 - 10

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	99.05	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	82.40	60-95	75-100	85-100	
01.18	68.70	30-70	55-90	75-100	
600.mic	49.15	15-34	35-59	60-79	
300.mic	14.60	5-20	8-30	12-40	
150.mic	7.20	0-10	0-10	0-10	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು Page No. 1/1,

ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ.ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13, 10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187

EMAIL: newzen576@gmail.com



NC/QC/W-13/2019-20/BA-C2

Date: 29-07-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).

{Project*: Providing CC Camera at Mallasandra, BHEL mini colony, vijalakshmi layout, Ravindra Nagara and other Area block spots in Mallasandra ward no 13 in Shettyhalli Sub Division.}

Ref.: Material testing/W-13/QC/19-20,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	181 min	Shall not be less than 30 min
2	Final setting time	265 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	1.99 %	Not to exceed 10.0%
4	Soundness test (by Le-Chatelier's method)	2.04 mm	Shall not be more than 10 mm
5	Compressive strength b) 3 days (average of three results)	28.62 N/Sq mm	Shall not be less than 27 N/Sqmm

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For Newzen Consultants Bangalore

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

(Signature)
Proprietor



NC/QC/W-13/2019-20/BA-PCC1

Date: 10-07-2019

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for bed concrete.

{Project*: Providing CC Camera at Mallasandra, BHEL mini colony, vijalakshmi layout, Ravindra Nagara and other Area block spots in Mallasandra ward no 13 in Shettyhalli Sub Division.}

Ref.: Material testing/W-13/QC/19-20,

Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

1. COARSE AGGRGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
		Single size	Graded
40mm	100.00	100.00	100.00
20mm	97.10	85-100	95 - 100
10mm	39.65	0 - 20	25 - 55
4.75mm	7.90	0 - 5	0 - 10

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS:

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	97.60	90-100	90-100	90-100	The Sample Conforms to Grading Zone-II
02.36	84.25	60-95	75-100	85-100	
01.18	61.90	30-70	55-90	75-100	
600.mic	45.35	15-34	35-59	60-79	
300.mic	28.75	5-20	8-30	12-40	
150.mic	7.10	0-10	0-10	0-10	

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For Newzen Consultants Bangalore

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NC/QC/W-13/2019-20/BA-C1

Date: 10-07-2019

1. TEST REPORT ON CEMENT:**Sub:** Testing of 53 Grade Cement Sample (IS 12269-1987).

{Project*: Providing CC Camera at Mallasandra, BHEL mini colony, vijalakshmi layout, Ravindra Nagara and other Area block spots in Mallasandra ward no 13 in Shettyhalli Sub Division.}

Ref.: Material testing/W-13/QC/19-20,Report Required for: Assistant Executive Engineer,
Shettyhalli Sub division,
BBMP, Bangalore.

Name of the Agency/Contractor*: M/s KRIDL, Bangalore.

PHYSICAL TESTS ON CEMENTGrade * : 53,
Type * : O.P.C**TABLE 1.1:**

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	166 min	Shall not be less than 30 min
2	Final setting time	275 min	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	2.04 %	Not to exceed 10.0%
4	Soundness test (by Le-Chatelier's method)	1.96 mm	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	29.07 N/Sq mm	Shall not be less than 27 N/Sqmm

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(For Newzen Consultants Bangalore)

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